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Jul 16, 1982

DERWENT-ACC-NO: 1982-65989E

DERWENT-WEEK: 198232

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TITLE: Compsns. comprising medium-length glucose polymers - useful for enteral nutrition

PATENT-ASSIGNEE:

ASSIGNEE

CODE

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PRIORITY-DATA: 1981US-0249647 (March 31, 1981)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
BE 892701 A	July 16, 1982		029	
EP 75594 A	April 6, 1983	E	000	
WO 8203329 A	October 14, 1982	E	000	

DESIGNATED-STATES: AT DE FR GB NL SE AU DK JP NO AT DE FR GB NL SE

CITED-DOCUMENTS:US 3663369; US 3766165 ; US 3928135 ; US 4021543 ; US 4182756 ; US 4289688

INT-CL (IPC): A61K 31/71; A61K 37/02; C07C 103/52; C08B 37/00; C12P 19/04; C13K 0/00

ABSTRACTED-PUB-NO: BE 892701A

BASIC-ABSTRACT:

Glucose polymer compsns. comprise principally glucose polymers with a degree of polymerisation (DP) of 10-40 without significant amts. of lower polymers.

The compsns. pref. contain not more than 10% of polymers with a DP of less than 10 and not more than 15% of polymers with a DP of more than 30. They can be prepd. by hydrolysing starch and isolating a hydrolysate fraction with the required DP range. This fraction can be isolated by membrane filtration, e.g. ultrafiltration or diafiltration, and can then be treated with isomaltase to destroy 1-6 alpha linkages.

The compsns. are suitable for nutrition of patients incapable of feeding themselves or patients with pancreatic disfunction. They have good digestion and absorption properties when administered enterally (orally or by gastric catheter) and are non-hypertonic.

TITLE-TERMS: COMPOSITION COMPRISE MEDIUM LENGTH GLUCOSE POLYMER USEFUL ENTERAL NUTRIENT

DERWENT-CLASS: B04 D13 D17

CPI-CODES: B04-C02; B12-J01; D03-H; D05-A02;

CHEMICAL-CODES:

Chemical Indexing M1 *01*

Fragmentation Code

K0 L8 L814 L819 L824 L831 M423 M781 M903 P714

Q232 Q241 V735